

Title (en)
ON-BOARD COMPUTING SYSTEM FOR AN AIRCRAFT

Title (de)
BORDEIGENES RECHNERSYSTEM FÜR EIN FLUGZEUG

Title (fr)
SYSTÈME INFORMATIQUE DE BORD D'UN AÉRONEF

Publication
EP 3751438 A1 20201216 (EN)

Application
EP 19290037 A 20190614

Priority
EP 19290037 A 20190614

Abstract (en)
The present disclosure relates to on-board computing system (100) for an aircraft. The computing system (100) comprises a plurality of partitions (102) each including at least one software component (104) configured to perform a function related to the aircraft, wherein software components (104) of different partitions (102) of the plurality of partitions (102) are configured to exchange data via a communication hub (106) of the computing system (100), the communication hub (106) being configured to store data items exported by exporting software components (104) of the plurality of partitions (102) and to provide the stored data items to reading software components (104) of the plurality of partitions (102).

IPC 8 full level
G06F 21/53 (2013.01); **G06F 21/74** (2013.01)

CPC (source: EP US)
G06F 8/60 (2013.01 - US); **G06F 9/44505** (2013.01 - US); **G06F 9/544** (2013.01 - US); **G06F 11/302** (2013.01 - US); **G06F 16/9027** (2019.01 - US); **G06F 21/53** (2013.01 - EP); **G06F 21/6218** (2013.01 - US); **G06F 21/74** (2013.01 - EP); **G06F 2201/84** (2013.01 - US); **G06F 2221/2141** (2013.01 - US)

Citation (search report)
• [X] EP 2551771 A1 20130130 - EUROCOPTER ESPANIA [ES]
• [X] US 2002144010 A1 20021003 - YOUNIS MOHAMED [US], et al
• [X] US 8806579 B1 20140812 - ANGUS IAN GARETH [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3751438 A1 20201216; US 11249738 B2 20220215; US 2021149654 A1 20210520

DOCDB simple family (application)
EP 19290037 A 20190614; US 202016902985 A 20200616